



## HLA Peptide Binding Predictions

Function: Rank potential 8-mer, 9-mer, or 10-mer peptides based on a predicted half-time of dissociation to HLA class I molecules. The analysis is based on coefficient tables deduced from the published literature by Dr. Kenneth Parker, Children's Hospital Boston (email: kenneth.parker@childrens.harvard.edu).

Another web site for predicting which peptides bind to MHC molecules is [SYFPEITHI](#), developed by Hans-Georg Rammensee's lab.

**Analysis Options:****HLA molecule**  

A1
A_0201
A_0205
A24
A3

**n-mers**

9
---

Results Limited by:  Explicit Number  Predicted T<sub>1/2</sub> >=

20
----

100
-----

Please enter or paste an AA sequence to analyze (most formats accepted):

Echo input sequence (generally recommended)

Credits: WWW implementation by Ronald Taylor of BIMAS / CBEL / CIT / NIH

If you use results from this analysis in published research, please cite:

Parker, K. C., M. A. Bednarek, and J. E. Coligan. 1994. Scheme for ranking potential HLA-A2 binding peptides based on independent binding of individual peptide side-chains. *J. Immunol.* 152:163.

 [Return to BIMAS home page](#)